

Claims

I claim:

[C01] 1. A rotatable safety seatback for use on a recreational vehicle, comprising:  
a seatback having an upright position and a boarding position;  
rotational means for revolving said seatback between said upright position and said  
boarding position;  
latching means for retaining said seatback in said upright position; and  
mounting means for attaching the rotatable safety seatback to the recreational vehicle,  
wherein said rotational means is attached between said seatback and said mounting  
means.

[C02] 2. The device of claim 1 wherein the recreational vehicle has a starboard side, a port side, a  
frame, a seat having a top and a bottom and an extended longitudinal axis, wherein said extended  
longitudinal axis lies between the top and the bottom of the seat and between the starboard and  
port sides of the recreational vehicle thereby aligning generally with the direction of travel of the  
recreational vehicle and wherein the recreational vehicle further has a rotation axis which  
intersects the extended longitudinal axis at an acute offset angle and wherein said rotational  
means revolves about said rotation axis.

[C03] 3. The device of claim 2 wherein said mounting means is attached to the frame of the  
recreational vehicle.

[C04] 4. The device of claim 2 wherein said mounting means is attached to the seat of the  
recreational vehicle.

[C05] 5. The device of claim 2 wherein said seatback further comprises:  
a seatback plate having upper section and a lower section; and

a pad attached to the upper section,  
and having an acute seatback angle measured between said upper and lower sections.

[C06] 6. The device of claim 5 wherein said rotation means is attached to said lower section of  
said seatback plate.

[C07] 7. The device of claim 6 wherein the sum of the offset angle and the seatback angle is less  
than 120 degrees.

[C08] 8. The device of claim 1 wherein said latching means further comprises:  
a latch pin; coupled to  
a quick release knob; and  
a spring,

wherein said spring loads said latch pin such that said latch pin retains said seatback in  
said upright position until released by pulling on said quick release knob.

[C09] 9. The device of claim 1 wherein said rotational means further comprises:  
a swivel plate;  
a swivel; and  
a swivel pin;

wherein said swivel is received by said swivel plate and held within said swivel plate  
by said swivel pin, such that said swivel freely rotates within said swivel plate  
providing said latch mechanism is not engaged.

[C10] 10. A sophisticated rotatable safety seatback for use on a recreational vehicle said vehicle  
having a seatback control circuit, comprising:

a seatback having an upright position and a boarding position;  
seatback rotation means for revolving said seatback between said upright position and

said boarding position; and  
electromagnetic locking means for retaining said seatback in said upright position; and  
mounting means for attaching the rotatable safety seatback to the recreational vehicle,  
wherein said rotational means is attached between said seatback and said mounting  
means  
wherein said seatback rotation means and said electromagnetic locking means are  
controlled by the seatback control circuit such that when the seatback circuit is  
activated said seatback rotates to said boarding position and when said seatback  
circuit is deactivated the seatback returns to said upright position.

[C11] 11. The device of claim 10 further having a safety actuator wherein when said safety actuator is actuated said seatback control circuit rotates said seatback to said boarding position.

[C12] 14. The device of claim 10 wherein said mounting means is attached to the frame of the recreational vehicle.

[C13] 15. The device of claim 10 wherein said mounting means is attached to the seat of the recreational vehicle.

[C14] 14. A rotatable safety seatback for use on a recreational vehicle, comprising:  
a seatback having an upright position and a boarding position;  
a swivel plate;  
a swivel;  
a swivel pin;  
a latch pin;  
a quick release knob;  
a spring, and

mounting means for attaching the rotatable safety seatback to the recreational vehicle, wherein said rotational means is attached between said seatback and said mounting means;

wherein said spring loads said latch pin such that said latch pin retains said seatback in said upright position until released by pulling on said quick release knob being connected to said latch pin; and

wherein said swivel is received by said swivel plate and held within said swivel plate by said swivel pin, such that said swivel freely rotates within said swivel plate thereby revolving said seatback between said upright position and said boarding position.

[C15] 15. The device of claim 14 wherein the recreational vehicle has a starboard side, a port side, a frame, a seat having a top and a bottom and an extended longitudinal axis, wherein said extended longitudinal axis lies between the top and the bottom of the seat and between the starboard and port sides of the recreational vehicle thereby aligning generally with the direction of travel of the recreational vehicle and wherein the recreational vehicle further has a rotation axis which intersects the extended longitudinal axis at an acute offset angle and wherein said seatback revolves about said rotation axis.

[C16] 16. The device of claim 15 wherein said mounting means is attached to the frame of the recreational vehicle.

[C17] 17. The device of claim 15 wherein said mounting means is attached to the seat of the recreational vehicle.

[C18] 18. The device of claim 15 wherein the offset angle ranges between 0 and 20 degrees.